

**SECRET**

DPD-4048-59

17 June 1959

MEMORANDUM FOR : Chief of Materiel  
 THRU : Chief of Operations


SUBJECT : Contract SE-509, Granger Associates, Test Equipment

DOCUMENT NO. 17  
 NO CHANGE IN CLASS ☒  
☐ DECLASSIFIED  
 CLASS. CHANGED TO: TS S C  
 NEXT REVIEW DATE: 2-01  
 AUTH: HR 70-2  
 DATE 22/6/59 REVIEWER: 018373

1. Attached is a copy of Granger Associates letter dated June 11, 1959 (DPD-4037-59). This letter sets forth the Contractor's recommended list of test equipment required to support the Black Boxes being procured under the subject contract.

2. Some of the listed items are believed to be "standard" stock items in the Agency and/or the Air Force. The Chief, Materiel Branch is requested to screen the list and to obtain from stock all items possible. Contracts Branch should be notified as soon as possible of those items which cannot be obtained from stocks in order that they can be procured through Granger in time to meet the delivery schedule of July 20th for the first Black Box.

3. The attached list is sufficient to support the units at one site only. In the event the units are deployed at two locations, the test equipment will increase accordingly. The Chief, Operations is requested to indicate by indorsement hereto the intended deployment plan for the Black Boxes.

  
 Contracting Officer, DPD

Endorsement: \_\_\_\_\_

1. Both Granger boxes will initially be deployed to Detachment "B". Necessary test equipment and maintenance personnel will be deployed to other areas from "B" if required.

2. Many of the items on the attached list are already available at "B". Items to be procured are as follows:

4 ea Adapter, Waveguide to Coax  
 1 ea Gyralline  
 2 ea Coaxial Attenuators  
 1 ea Detector Crystal Mount  
 1 ea Detector Crystal  
 1 ea Test Control Box

Hewlett-Packard Model X281A  
 Cascade Research Model R920  
 Admittance-Namco Corp. Model CA-3  
 Sage Laboratories Model 101B  
 Sylvania 1N358A  
 Granger Associates Model 504-CB

**SECRET**



ELECTRONIC SYSTEMS

June 11, 1959

REGISTERED - RETURN RECEIPT REQUESTED

*Derry* 1-4175  
Log #147-S

Copy # 1 of 4 copies

DP-4037-59  
COPY 1 OF 2

966 Commercial Street  
Palo Alto, California  
DAvenport 1-4175

*Jim Jan*

STAT

Contracting Officer

Reference: Contract SE-509

Subject: Item 2

Gentlemen:

With reference to the information required in Item 2, our letter of 21 April 1959, sent in response to your telephone request, supplied the tentative spare parts required for maintenance of the equipment. The listing was submitted with the understanding that some revisions might be necessary when the development program was more nearly complete.

In compliance with the final portion of Item 2, we are listing below the related test equipment recommended for maintenance of the units being produced.

→ 1 ea	Audio Oscillator	Hewlett-Packard Model 201C
1 ea	Signal Generator	Hewlett-Packard Model 620A <i>at Ranch</i>
1 ea	Microwave Power Meter	Hewlett-Packard Model 430C
4 ea	Adapter, Waveguide to Coax	Hewlett-Packard Model X281A
1 ea	Gyrating Core	Cascade Research Model R920 <i>Item 2 Don't</i>
1 ea	Oscilloscope	Tektronix Model 531
2 ea	Coaxial Attenuators	Admittance-Namco Corp. Model CA-3
1 ea	Detector Crystal Mount	Sage Laboratories Model 101B
1 ea	Detector Crystal (Test + Spar)	Sylvania 1N358A
1 ea	Volt-Ohm Milliammeter	Triplett Model 630 PL
1 ea	Test Control Box	Granger Associates Model 504-CB

If any further information is required, please let us know.

Very truly yours,

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*SE 509*  
*Quant 2 Prep. Sec.*  
  
Project Engineer

LDE:jb